

## ABSTRACT OF THE DISCLOSURE

Example embodiments provide methods, systems, and computer program products for controlling the amount of verification—*i.e.*, the amount of checking or testing—done in determining the success or failure of software under test. Tunable test cases include software testing instructions organized as verification levels within a verification hierarchy. The verification levels define different amounts of checking to perform in determining if the software functions as intended. Each test case may be set to any verification level. Verification settings define the desired verification level and those software testing instructions which correspond to the desired verification levels are identified and run. The amount of testing that is external to the test case may be varied through test case groupings that are also set to desired verification levels.

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